

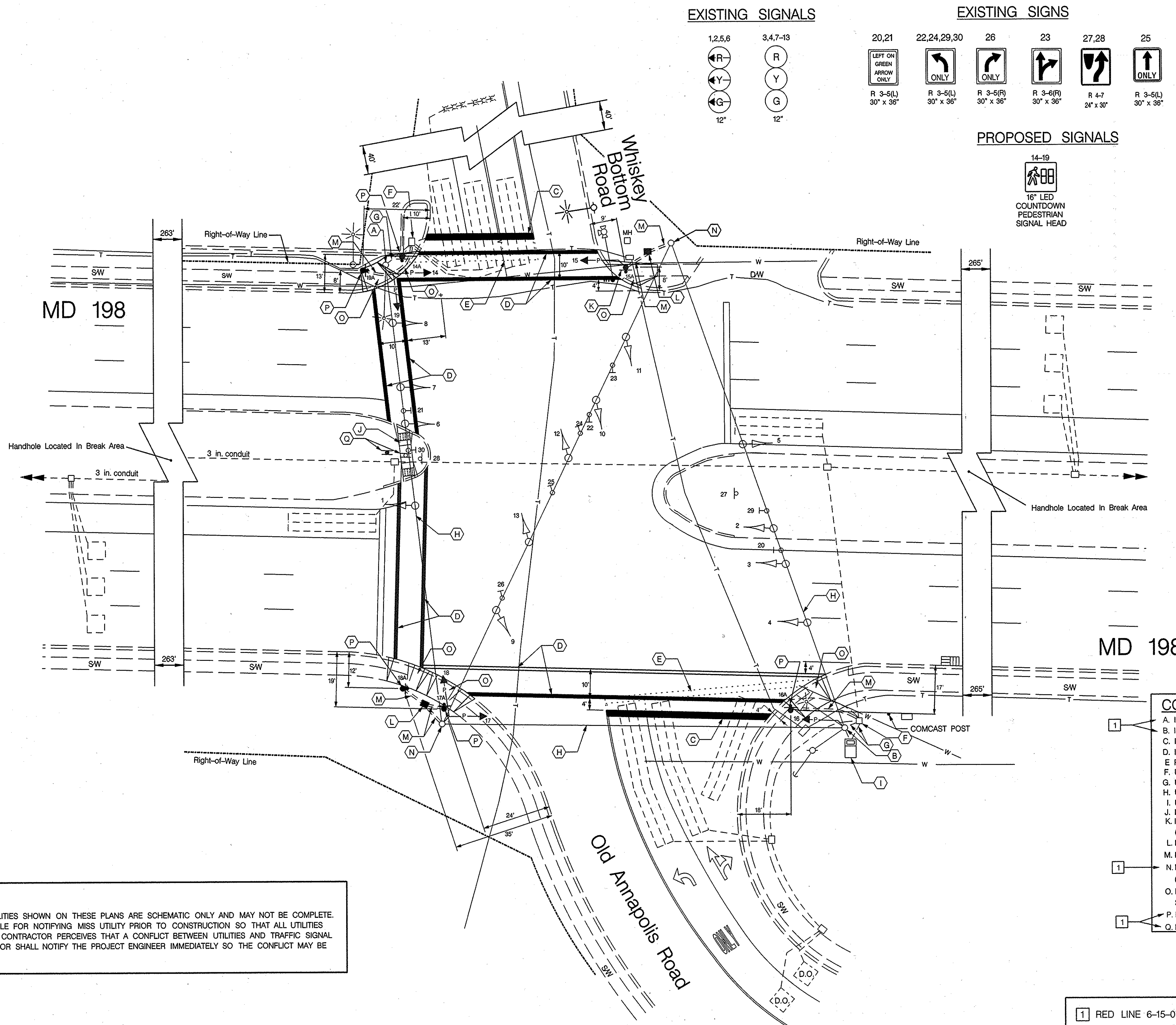
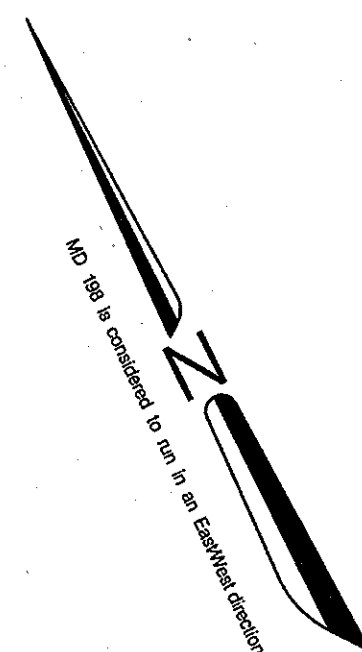
DRILL HOLES

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June 1, 2004

Revised Date:



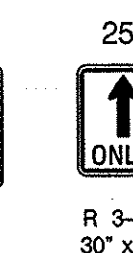
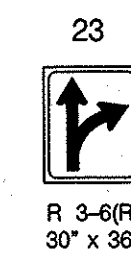
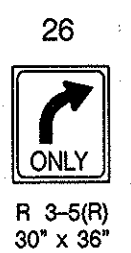
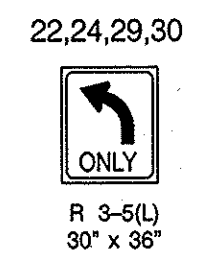
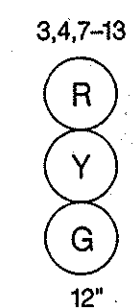
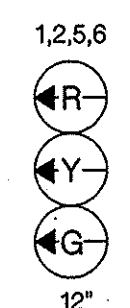
# GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.

## LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	_____	A
ELECTRICAL	_____	E
TELEPHONE	_____	T
GAS	_____	G
SEWER	_____	S
WATER	_____	W
CABLE TV	_____	TV

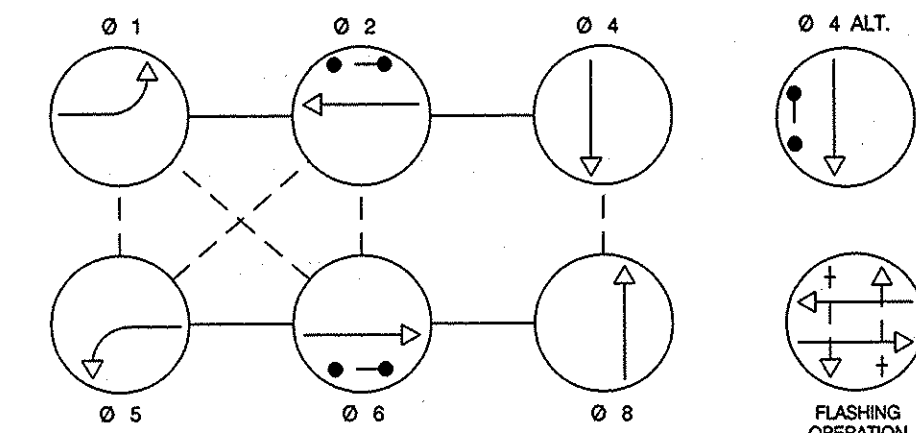
## EXISTING SIGNALS



## PROPOSED SIGNALS

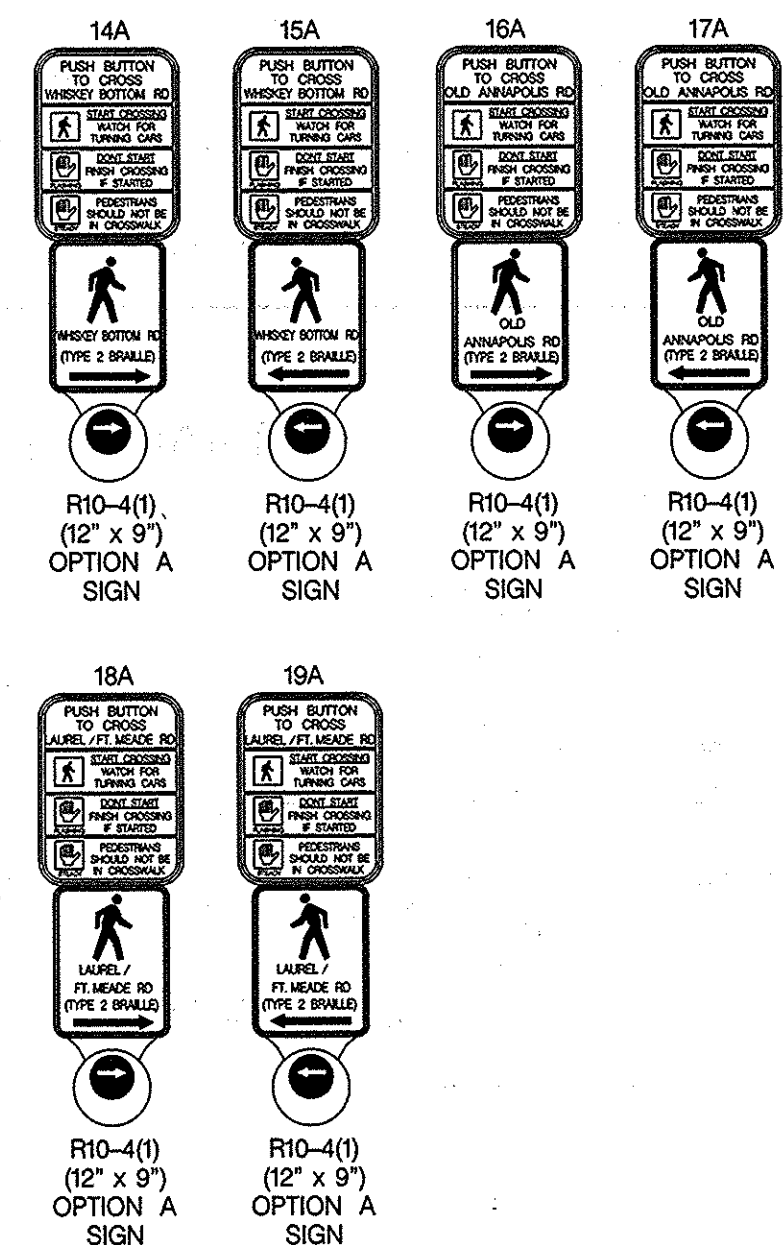


## NEMA PHASING



NEMA notes:  
Phases associated by a dashed line may will operate concurrently.  
Phases associated by a solid line will not operate concurrently.

## PROPOSED SIGNS



## CONSTRUCTION DETAILS

- INSTALL PEDESTRIAN SIGNAL HEADS ON EXISTING STRAIN POLE.
- INSTALL PEDESTRIAN SIGNAL HEAD ON EXISTING STRAIN POLE.
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- REMOVE EXISTING PAVEMENT MARKING.
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- USE EXISTING SPAN WIRE
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- INSTALL RAMPED MEDIAN OPENING WITH DETECTABLE WARNING SURFACE
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN  
(NOTE: INSTALL 1-3 IN. SCHEDULE 80 RIGID PVC CONDUIT BEND)
- INSTALL HANDHOLE
- INSTALL 3 IN. SCHEDULE 80, RIGID PVC CONDUIT (TRENCHED)
- INSTALL PEDESTRIAN SIGNAL HEADS ON EXISTING STRAIN POLE  
(NOTE: INSTALL 1-3 IN. SCHEDULE 80 RIGID PVC CONDUIT BEND IN EXISTING POLE FOUNDATION)
- REMOVE EXISTING SIDEWALK RAMP AND INSTALL NEW SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE
- INSTALL 4 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN PUSHBUTTON AND SIGN
- RELOCATE EXISTING GROUND MOUNTED SIGN

1 RED LINE 6-15-07

TEDD APPROVAL

**T**RAFFIC **C**ONCEPTS, INC.  
325 Gambrills Road  
Suite E  
Gambrills, MD 21054  
(410) 923-7101  
FAX (410) 923-6473  
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS	REVISIONS
TEAM LEADER	C AS BUILT 1-12-1998
ASST. DIV. CHIEF	MAM
DIVISION ENGINEER	D CHANGE MD 198 E.B. AND W. B. TO EXCLUSIVE PHASING 3-18-2005 SHA NO. SW 999M82
OFFICE DIRECTOR	PJP Tg 6-2000 6-2000
	(E) INSTALL PEDESTRIAN PHASES SHA NO. AT 7825185
	TMZ WM JAH MAR WH TH

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION			
TRAFFIC SIGNAL PLAN MD 198 (LAUREL- FORT MEADE ROAD AND OLD ANNAPOLIS / WHISKEY BOTTOM ROADS MARYLAND CITY, MARYLAND			
SCALE 1"=20'	DATE 3-18-1998	CONTRACT NO. AT 3585185	
DESIGNED BY H. KILIAN	COUNTY ANNE ARUNDEL	DRAWN BY H. KILIAN	LOGMILE 02019801.02
CHECKED BY N / A	T.I.M.S. NO. H 412	F.A.P. NO. N / A	TOD NO.
DRAWING NO. TS-1893 E		SHEET NO. 2 OF 3	